

Sub E17
D1 and adapted to release said molten resin from said first molten resin flow path into a second molten resin flow path when pressure of said molten resin in said first molten resin flow path exceeds a predetermined value and causes said molded part to be released from said cavity mold while said pressure relief value is in a retracted state.

Sub E2
D2 4. (Amended) The apparatus recited in claim 1 wherein said pressure relief valve comprises a movable pin actuated by a spring bias, said movable pin being adapted for movement between a first position that blocks said molten resin when said pressure is less than said predetermined value; and, to a second position that releases said molten resin in said first molten resin flow path into a second molten resin flow path in fluid communications with said first molten resin flow path thereby relieving pressure in said first molten resin flow path.